12 . Technical Specifications

Model		LOX100A / LOX100B; LOX100C / LOX100D
Display mode		OLED
Oxygen saturation	Measuring range	70%~100%
	Accuracy	70%~100% ±2%;
	Resolution	1%
Pulse rate	Measuring range	30bpm~250bpm
	Accuracy	30bpm~250bpm,
		±3bpm or ±3% (which is larger)
	Resolution	1bpm
Measuring range of blood perfusion index (PI)		0.3%~20%
LED probe wavelength		RED 660 ±3nm
		IR 905 ±10nm
Radiation power		RED 2mW
		IR 2mW
Battery model		2 AAA batteries
Power consumption		< 30mA
Battery life		Continuous use for 25 hours with 2 AAA1.5V alkaline batteries
Operating temperature		5℃~40℃
Storage temperature		-20℃~+55℃
Relative humidity		≤80%: No condensation in working status
		≤93%: No condensation in storage status
Operating atmospheric pressure		86kPa~106kPa
Storage atmospheric pressure		70kPa~106kPa
Response time		< 20 s
Anti-shock protection category		Internal power supply
Anti-shock protection measure		Type BF applied part
Waterproof protection measure		IP22
NetWeight		Approx.,60g (including batteries)
Dimensions		69mm(L) X35mm(W) X29mm(H)
Data avera	Spo2 ging	Average of successive five detected pulses, with exponential smoothing followed
	Pulse rate	Average within 8 seconds
	Spo2	Update per second, the update period is less than 20 seconds.
Update tim	e Pulse rate	Update per second, the update period is less than 12 seconds.